IMPORTANT INFORMATION

Section 1B - Maintenance

1 B

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Torque Specifications

NOTE: *Securely tighten all fasteners not listed below.*

Description	Nm	lb-in.	lb-ft
Oil fill/drain plug	4.5	40	
Oil vent plug	4.5	40	

Lubricants / Sealants / Adhesives

Description	Where Used	Part Number
Mercury Light Gray Primer	Painted surfaces	92-802878 52
Mercury Phantom Black		92-802878Q 1
Corrosion Guard	Painted surfaces	92-802878-55
Engine Oil	Pivot points, guide contact surfaces	Obtain locally
Special Lubricant 101	Steering cable	92-802865A1
	Propeller shaft	
SAE 30W Engine Oil	Tie bar pivot points	Obtain locally
	Steering system pivot points	
U-joint And Gimbal Bearing Grease	Gimbal bearing	92-802870A1
	Drive shaft U-joints	
Engine Coupler Spline Grease	Coupler	92-802869A1
	U-joint shaft splines and O-rings	
High Performance Gear Lube	Gear lube monitor	92-802854A1
	To fill sterndrive	
Liquid Neoprene	Clamps and terminals	92-25711-3
2-4-C with Teflon	Steering cable	92-802859A1
	Propeller shaft	
Anti-Corrosion Grease	Propeller shaft	92-802867A1

Approved Hydraulic Steering Fluids

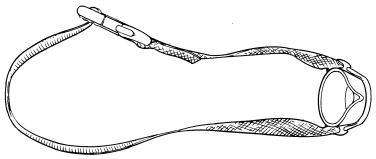
Description	Part Number
Hydraulic Helm Steering Fluid	92-862014A1
SeaStar® Hydraulic Fluid HA5430	Obtain locally
Chevron® Aviation Fluid	
Mobil® Aero HFA	
Shell® Aero 4	
Hydraulic Fluid meeting MIL Specification H5606C	

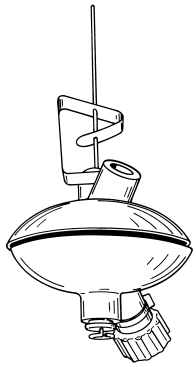
Fluid Capacities

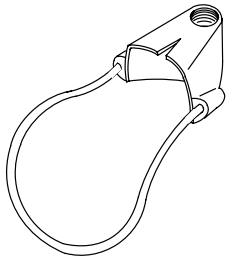
NOTICE
Unit Of Measurement: Milliliters (Fluid Ounces)
All capacities are approximate fluid measures.

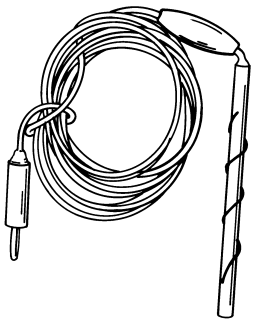
Model	Bravo One	Bravo Two	Bravo Three
Sterndrive unit oil capacity	2602 ml. (88 fl oz)	3076 ml. (104 fl oz)	2839 ml. (96 fl oz)

Special Tools

Dual Water Pick-Up Flush Gear Case Seal Kit		
 77977	Use to block-off the front water inlet holes on the dual water inlet gear cases.	91-881150Q1

Flushing Device		
 73440	Attaches to the sterndrive unit water intakes; provides a fresh water connection when flushing the cooling system or operating the engine.	91-44357Q2

Flushing Kit		
 78135	Use for flushing sterndrives with low water inlet gear cases.	91-84996T1

Reference Electrode		
 73446	Senses an electrical current in the water when testing the MerCathode system. Use to check hull potential.	91-76675T1

Maintenance Schedules

Maintenance Intervals

Maintenance intervals and the corresponding tasks to be performed, as shown in this current schedule or as found in a previously printed schedule, are generally based on an average boating application and environment. However, individual operating habits and personal maintenance preferences can have an impact on the suggested intervals. In consideration of these factors, Mercury MerCruiser has adjusted some maintenance intervals and the corresponding tasks to be performed. In some cases, this may allow for more individual tasks in a single visit to the servicing dealer. Therefore, it is very important that the boat owner and the servicing dealer discuss the current Maintenance Schedule and develop appropriate maintenance intervals to coincide with the individual operating habits, the environment and the maintenance requirements.

⚠ CAUTION

Always disconnect battery cables from battery BEFORE working around electrical systems components to prevent injury to yourself and damage to electrical system should a wire be accidentally shorted.

Gas Sterndrive

Routine Maintenance *	Each Day Start	Each Day End	Weekly	Every Two Months
Check sterndrive unit oil level, trim pump oil level and steering fluid level.			●★	
Check water pickups for debris or marine growth. Check water strainer and clean. Check coolant level.			●★	
Inspect sterndrive unit anodes and replace if 50 percent eroded.			●★	
Lubricate propeller shaft and the retorque nut (if operating in only freshwater, this maintenance may be extended to every four months).				●★

* Only perform maintenance that applies to your particular power package

● Standard models

★ Horizon models

Gas Sterndrive (continued)

Scheduled Maintenance *	Annually	Every 100 hours or Annually	Every 200 hours or 3 years	Every 300 hours or 3 years	Every 2 years	Every 5 years
Touch-up power package paint and spray with Corrosion Guard.	●★					
Change sterndrive unit oil and retorque connection of gimbal ring to steering shaft.		●★				
Check steering system and remote control for loose, missing or damaged parts. Lubricate cables and linkages.		●★				
Inspect U-joints, splines and bellows. Check clamps. Check engine alignment. Lubricate U-joints splines.		●◆	★			
Lubricate gimbal bearing and engine coupler.		●8◆	★			
Check continuity circuit for loose or damaged connections. Test MerCathode® unit output on Bravo Models.		●◆	★			

* Only perform maintenance that applies to your particular power package

● Standard models

★ Horizon models

8 Lubricate engine coupler every 50 hours if operated at idle for prolonged periods of time or if used in heavy boat applications.

◆ Later standard-models can be serviced every 200 hours or 3 years.

Corrosion

Refer to the ***Mercury Precision Parts / Marine Corrosion Protection Guide*** (90-881813003).

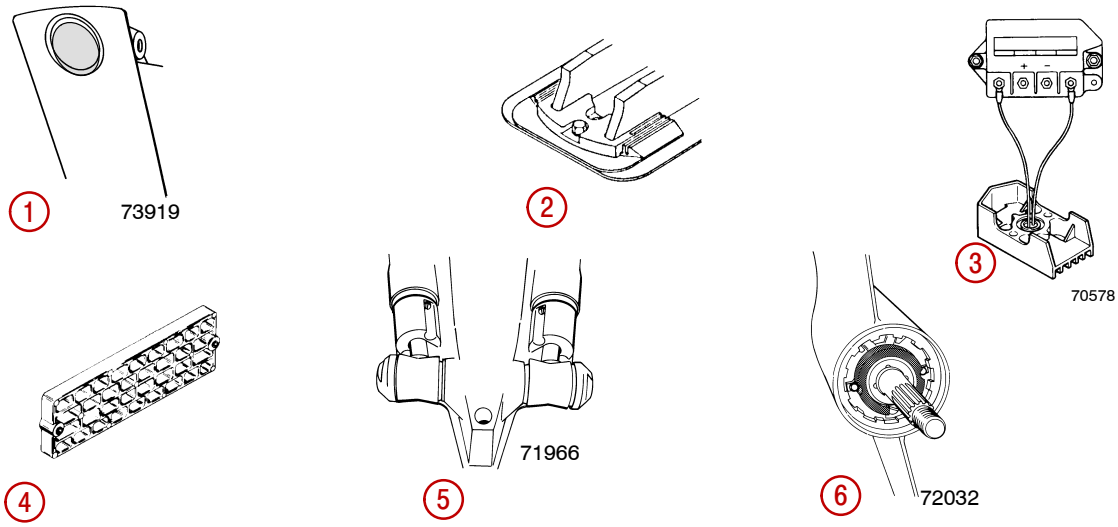
Maintaining Ground Circuit Continuity

The transom assembly and sterndrive unit are equipped with a ground wire circuit to ensure good electrical continuity between engine, transom assembly and sterndrive components. Good continuity is essential for the MerCathode System to function effectively. Refer to **Section 7**.

Maintaining Anodic Protection

Each sterndrive unit is equipped with a sacrificial anodic plate to help protect underwater metal parts from galvanic corrosion. Because of its self-sacrificing nature, anodic plate MUST BE replaced if eroded 50% or more. Refer to **Section 7**.

IMPORTANT: Replace sacrificial anodes if eroded 50 percent or more.



Common sacrificial anodes and MerCathode system

1 - Universal anodic plate
2 - Anodic plate
3 - MerCathode system
4 - Anode kit (if equipped)
5 - Trim cylinder anodes
6 - Bearing carrier anode (Bravo One)

Universal Anodic Plate - serves as a sacrificial anode.

Anodic Plate - serves as a sacrificial anode.

MerCathode System - standard on Bravo.

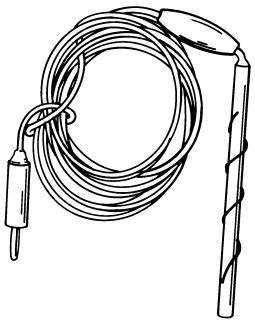
Anode Kit (if equipped) - mounted to boat transom. Acts as a sacrificial anode.

Trim Cylinder Anodes - mounted on each trim cylinder.

Bearing Carrier Anode (Bravo One) - located in front of the propeller, between the front side of the propeller and the gear housing.

Checking Quicksilver MerCathode System

The MerCathode system should be tested to ensure adequate output. The test should be performed where boat is moored, using the Reference Electrode and Test Meter. Refer to **Section 7**.

Reference Electrode		
 73446	Senses an electrical current in the water when testing the MerCathode system. Use to check hull potential.	91-76675T1

Maintaining Power Package Exterior Surfaces

1. Spray entire power package at recommended intervals with Corrosion Guard. Follow instructions on can for proper application.

Description	Where Used	Part Number
Corrosion Guard	Painted surfaces	92-802878-55

2. Clean entire power package. External surfaces that have become bare should be repainted with Primer and Spray Paint at recommended intervals.

Description	Where Used	Part Number
Mercury Light Gray Primer	Painted surfaces	92-802878 52
Mercury Phantom Black		92-802878Q 1

Boat Bottom Care

To achieve maximum performance and fuel economy, boat bottom MUST BE kept clean. Accumulation of marine growth or other foreign matter can greatly reduce boat speed and increase fuel consumption. To ensure best performance and efficiency, periodically clean boat bottom in accordance with manufacturer’s recommendations.

In some areas, it may be advisable to paint the bottom to help prevent marine growth. Refer to the following information for special notes about the use of anti-fouling paints.

Anti-fouling Paint

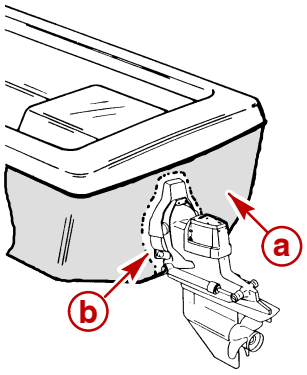
IMPORTANT: Corrosion damage that results from the improper application of anti-fouling paint will not be covered by the limited warranty.

Painting Boat Hull or Boat Transom: Anti-fouling paint may be applied to boat hull and boat transom but you must observe the following precautions:

IMPORTANT: Do not paint anodes or MerCathode System reference electrode and anode, as this will render them ineffective as galvanic corrosion inhibitors.

IMPORTANT: If anti-fouling protection is required for boat hull or boat transom, copper base paints, if not prohibited by law, can be used. If using copper based anti-fouling paints, observe the following:

- **Avoid an electrical interconnection between the Mercury MerCruiser product, anodic blocks, or MerCathode system and the paint by allowing a minimum of 40 mm (1-1/2 in.) UNPAINTED area on transom of the boat around these items.**



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a - Painted boat transom
b - Minimum 40 mm (1-1/2 in.) UNPAINTED area around transom assembly

NOTE: *Sterndrive unit and transom assembly can be painted with a good quality marine paint or an anti-fouling paint that does not contain copper or any other material that could conduct electrical current. Do not paint drain holes, anodes, MerCathode system, and items specified by boat manufacturer.*

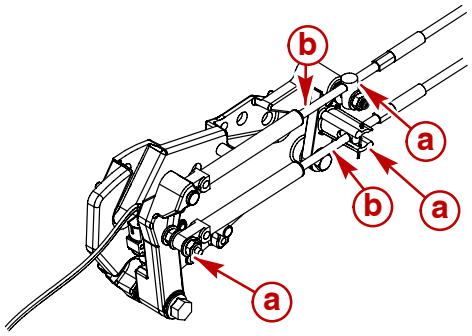
Steering Head and Remote Control Maintenance

1. Lubricate steering head and remote control at recommended intervals. Inspect steering head and remote control for ease of operation.

Description	Where Used	Part Number
Engine Oil	Pivot points, guide contact surfaces	Obtain locally

Shift Cable

1. Lubricate the pivot points and the guide contact surfaces.



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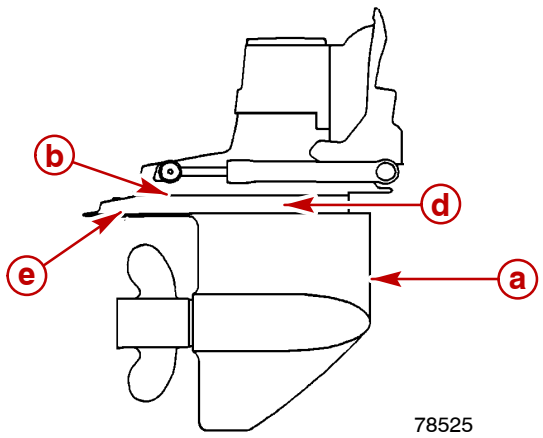
Typical

a - Pivot points
b - Guide contact surfaces

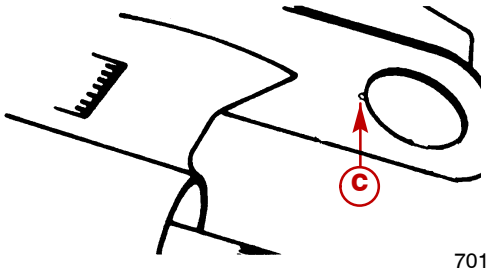
Description	Where Used	Part Number
Engine Oil	Pivot points, guide contact surfaces	Obtain locally

Sterndrive Water Drain Holes

1. Using a piece of wire, check water drain holes in sterndrive unit to ensure that they are open.



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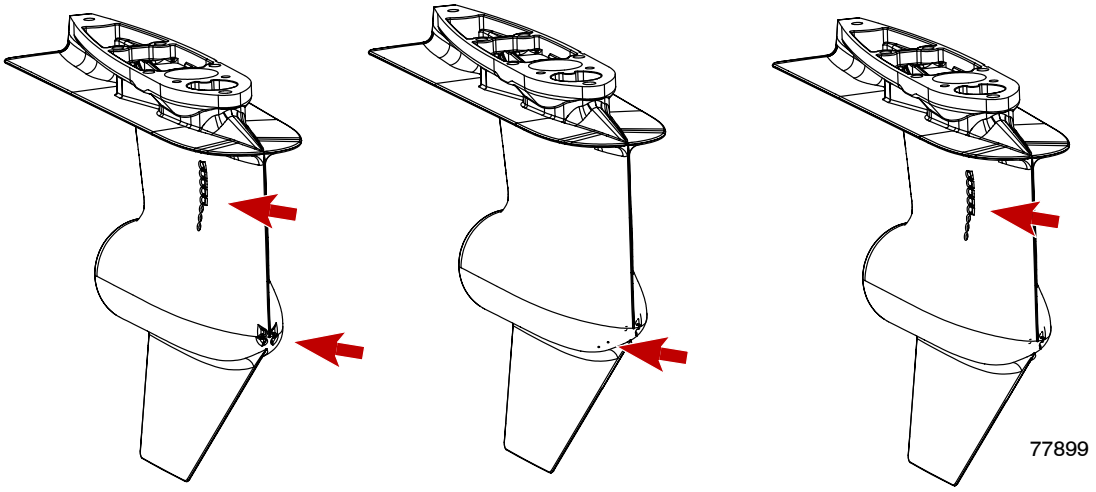
Sterndrive unit water drain holes

- **a** - Speedometer pitot tube
- **b** - Anode cavity vent hole
- **c** - Anode cavity drain passage
- **d** - Gear housing water drain hole (1 each - port and starboard)
- **e** - Gear housing cavity vent hole (Bravo II only)

Sterndrive Water Pickups

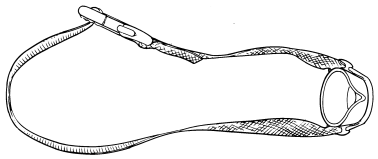
IMPORTANT: Bravo models equipped with closed cooling require dual water pickups and must be equipped with a through the hull or through the transom pickup in addition to the sterndrive water inlets.

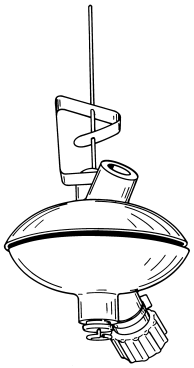
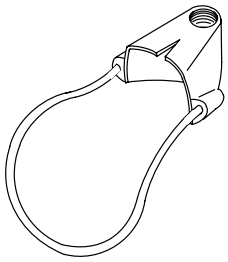
There are 3 types of water pickups available on Mercury MerCruiser sterndrives: low water, dual water, and side pickups. Dual water pickups require the Flushing Device (92-44357Q2) and the Dual Water Pick-Up Flush Gear Case Seal Kit (92-881150Q1), low water pickups require the Flushing Kit (92-849996T1), and side pickups require the Flushing Device (92-44357Q2).



Dual water pickup **Low water pickup** **Side pickup**

FLUSHING ATTACHMENTS

Dual Water Pick-Up Flush Gear Case Seal Kit		
 77977	Use to block-off the front water inlet holes on the dual water inlet gear cases.	91-881150Q1

Flushing Device		
 73440	Attaches to the sterndrive unit water intakes; provides a fresh water connection when flushing the cooling system or operating the engine.	91-44357Q2
Flushing Kit		
 78135	Use for flushing sterndrives with low water inlet gear cases.	91-84996T1

0194.2

NOTE: *Flushing is needed only for salty, brackish, mineral laden or polluted water applications. Flushing is recommended after each outing for best results.*

⚠ CAUTION

If flushing with the boat in the water, seawater can flow into the engine causing engine damage. Water inlet must be closed when flushing the engine.

1. Drain the seawater section of the cooling system.
2. **Seawater cooled Models:** Proceed to Step 4. or Step 5.
3. **Closed Cooled models could require a through the hull or through the transom water inlet and sterndrive water inlets. Verify your model as follows:**
   a. If you have a Bravo sterndrive unit and closed cooling (equipped with a heat exchanger on the front of the engine), verify that a hose is connected between the transom and the y-fitting and between the sea strainer and the y-fitting.
   b. If there is a hose running to the transom, shut the seacock located in the hose between the sea strainer and the y-fitting. Proceed to Step 4. or Step 5.
   c. If there is not a hose running to the transom, refer to Alternative Water Pickups.
4. If flushing the cooling system with boat in water:
   a. Raise sterndrive unit to TRAILER position.
   b. Install appropriate flushing attachments over water intake openings in the gear housing.
   c. Lower sterndrive unit to full DOWN/IN position.
5. If flushing cooling system with boat out of water:
   a. Lower sterndrive unit to full DOWN/IN position.

⚠ WARNING

Contact with moving drive components and the propeller can cause personal injury or death. To avoid possible injury , remove the propeller and ensure that no people or animals are in the area of the drive unit while flushing.

   b. Remove propeller.
   c. Install appropriate flushing attachments over water intlets in gear housing.
6. Connect hose between flushing attachment and water source.
7. With sterndrive unit in normal operating position, partially open water source (about 1/2 maximum).

8. Place sterndrive in NEUTRAL, idle speed position and start engine.

⚠ CAUTION

Suction created by the seawater pickup pump may collapse the flushing water hose causing the engine to overheat. Avoid engine damage from overheating, Do NOT operate the engine above 1500 rpm.

9. Slowly advance throttle until engine reaches 1300 rpm (+/–100 rpm).

⚠ CAUTION

Engine overheating can cause engine damage. To avoid, observe the water temperature gauge and ensure that the engine is operating in the normal range.

10. Observe the water temperature gauge to ensure that the engine is operating in the normal range.
11. Operate engine with sterndrive in NEUTRAL for about 10 minutes or until discharge water is clear.
12. Slowly return throttle to idle speed position.
13. Stop engine.
14. Shut off water and remove flushing attachment.
15. Remove the seawater inlet hose from the seawater pump and plug the hose to prevent water from siphoning into the engine.
16. Tag the ignition switch with an appropriate tag requiring the seawater inlet hose to be reconnected prior to operating engine.

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Alternative Water Pickups

IMPORTANT: Two water sources are needed for this procedure.

NOTE: *Flushing is needed only for salty, brackish, mineral laden or polluted water applications. Flushing is recommended after each outing for best results.*

1. Drain the seawater section of the cooling system.

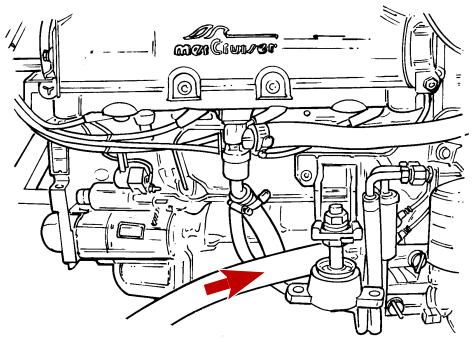
IMPORTANT: Engines with the sterndrive water inlet blocked off at the gimbal housing and using a through the hull water inlet need a supply of cooling water available to both the sterndrive unit and to the engine during operation.

2. If flushing cooling system with boat in water:
   a. Raise sterndrive unit to TRAILER position.
   b. Install appropriate flushing attachment over the water intake openings in the gear housing.
   c. Lower sterndrive unit to full DOWN/IN position.
   d. Proceed to Step 4.
3. If flushing cooling system with boat out of water:
   a. Lower sterndrive unit to full DOWN/IN position.

⚠ WARNING

Contact with moving drive components and the propeller can cause personal injury or death. To avoid possible injury , remove the propeller and ensure that no people or animals are in the area of the drive unit while flushing.

   b. Remove propeller.
   c. Install appropriate flushing attachments over water inlets gear housing.
4. Connect hose between flushing attachment and water source.
5. Disconnect the water inlet hose (upper hose) from the aft side of the seawater pump.



77945

6. Plug the seawater inlet hose or close the seacock to prevent water from siphoning into the boat.

7. Using a suitable adapter, connect the flushing hose from the water source to the water inlet of the seawater pump.

⚠ CAUTION

Overheating from insufficient cooling water will cause engine and drive system damage. Ensure that there is sufficient water always available at water inlet holes during operation.

8. With sterndrive unit in normal operating position, partially open the 2 water sources (about 1/2 maximum).
9. Place sterndrive in NEUTRAL, idle speed position and start engine.

⚠ CAUTION

Suction created by the seawater pickup pump may collapse the flushing water hose causing the engine to overheat. Avoid engine damage from overheating, Do NOT operate the engine above 1500 rpm.

10. Slowly advance throttle until engine reaches 1300 rpm (+/–100 rpm).

⚠ CAUTION

Engine overheating can cause engine damage. To avoid, observe the water temperature gauge and ensure that the engine is operating in the normal range.

11. Observe the water temperature gauge to ensure that the engine is operating in the normal range.
12. Operate engine with sterndrive in NEUTRAL for about 10 minutes or until discharge water is clear.
13. Slowly return throttle to idle speed position.
14. Stop engine.
15. Shut off water and remove flushing attachments.
16. **If the boat is out of the water:** Install the water inlet hose to the aft side of the seawater pump. Tighten the hose clamp securely.
17. **If the boat is in the water:** Tag the ignition switch with an appropriate tag requiring the seawater inlet hose to be reconnected prior to operating engine.

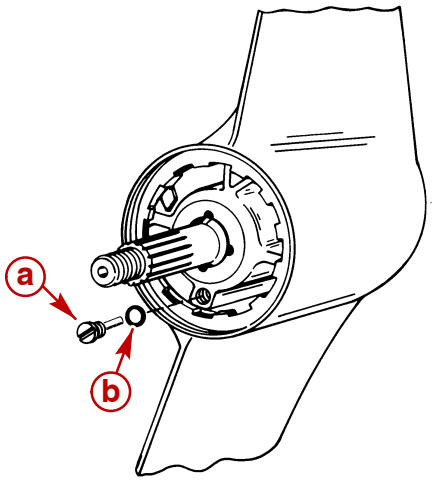
Sterndrive Unit Oil

Checking

1. Periodically inspect oil for water to ensure that sterndrive unit seals are not leaking.
2. Check for water at bottom of gear lube monitor. If a water leak is indicated, the sterndrive unit must be resealed.

IMPORTANT: If sterndrive unit has set overnight or longer, check for water in sterndrive unit.

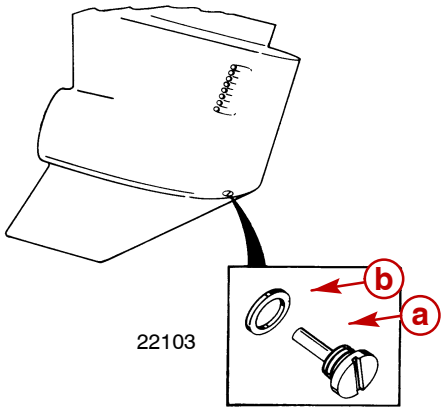
a. **Bravo I:** Trim sterndrive unit to full DOWN/IN position.



70023

a - Oil fill/drain plug
b - Sealing washer

b. **Bravo II and III:** Trim sterndrive unit to full UP/OUT position.



22103

22101

a - Oil fill/drain plug
b - Sealing washer

c. Remove fill/drain plug. If water runs out, sterndrive unit is leaking and **must** be resealed.

d. Reinstall fill/drain plug and torque.

Description	Nm	lb-in.	lb-ft
Fill/drain plug	4.5	40	

Filling

IMPORTANT: Position sterndrive unit in DOWN/IN position so that anti-ventilation plate is level.

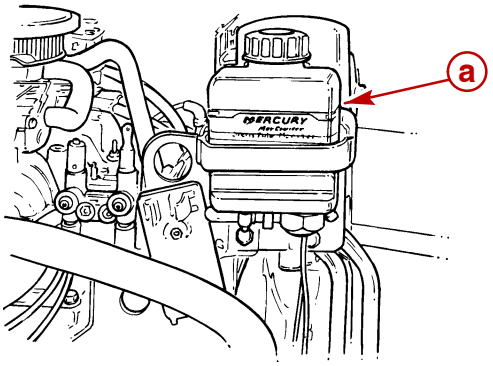
⚠ CAUTION

If more than 59 ml (2 fl oz) of oil is required to fill sterndrive unit, an oil leak may exist. Find and correct cause of leak before unit is placed in operation.

NOTE: *Sterndrive unit oil level is checked at gear lube monitor.*

IMPORTANT: Oil level in gear lube monitor will rise and fall during sterndrive operation; always check oil level when sterndrive is cool and engine is shut down.

NOTE: *Oil will purge from gear lube monitor if rubber gasket is not in cap.*



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a - Gear lube monitor full line / operating range

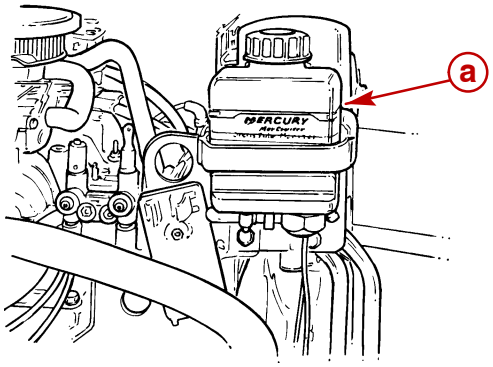
1. Fill gear lube monitor to FULL line / OPERATING range
2. Ensure that rubber gasket is installed in gear lube monitor cap.
3. Install gear lube monitor cap. Tighten cap 1/4 turn after monitor contacts gasket.

IMPORTANT: Do not overtighten cap.

4. Check oil level in gear lube monitor.

Changing

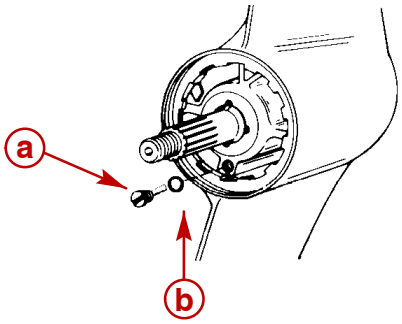
1. Remove the gear lube monitor from the bracket.



77813

a - Gear lube monitor

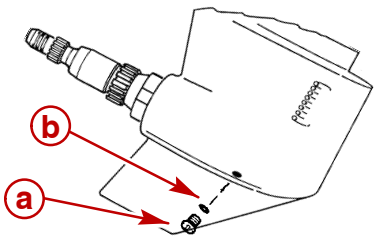
2. Empty the contents into a suitable container.
3. Install the monitor in the bracket.
4. **Bravo One Models:** Remove the propeller, place the sterndrive unit in full trim limit IN position, remove the oil fill/drain screw and sealing washer and drain the oil.



70568

a - Oil fill/drain
b - Sealing washer

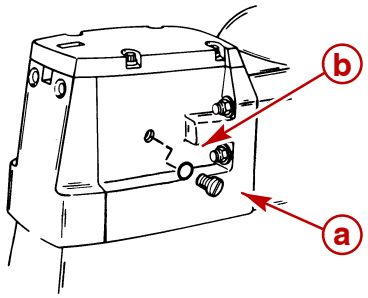
5. **All Other Models:** Place the sterndrive unit in full trim limit OUT position, remove the oil fill/drain screw and sealing washer and drain the oil.



72522

a - Oil fill/drain
b - Sealing washer

6. Remove the oil vent screw and sealing washer. Allow the oil to drain completely.



77106

a - Oil vent screw
b - Sealing washer

IMPORTANT: If any water drained from the oil fill/drain hole, or if the oil appears milky, the sterndrive unit is leaking and should be checked immediately by your authorized Mercury MerCruiser dealer.

7. Lower the sterndrive unit so that the propeller shaft is level. Fill the sterndrive unit through the oil fill/drain hole, with specified gear lube until an air-free stream of lubricant flows from oil vent hole.

Description	Where Used	Part Number
High Performance Gear Lube	Gear lube monitor	92-802854A1

IMPORTANT: Use only High Performance Gear Lube in sterndrive unit.

8. Install the oil vent screw and sealing washer.
9. Continue to pump gear lube into the gear lube monitor circuit until the gear lube appears in the gear lube monitor.
10. Fill the monitor so that the oil level is in the operating range. Do not overfill. Ensure that the rubber gasket is inside the cap and install. Do not overtighten.

Description	Where Used	Part Number
High Performance Gear Lube	Gear lube monitor	92-802854A1

11. Remove the pump from the oil fill/drain hole. Quickly install the sealing washer and oil fill/drain screw. Tighten securely.
12. Reinstall the propeller.
13. Recheck the oil level after the first use.

IMPORTANT: Oil level in the gear lube monitor will rise and fall during sterndrive operation; always check the oil level when the sterndrive is cool and the engine is shut down.

Power Package Layup

Engine

Refer to appropriate Mercury MerCruiser Engine Service Manual.

Sterndrive

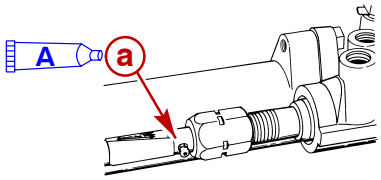
1. Lubricate the steering system.

⚠ WARNING

Do not grease steering cable while extended. Hydraulic lock could occur and cause loss of steering control.

a. **If steering cable has grease fittings:** Turn steering wheel until steering cable is fully retracted into cable housing. Apply approximately 3 pumps of grease from a typical hand-operated grease gun.

NOTE: *If steering cable does not have grease fitting, inner wire of cable cannot be greased.*

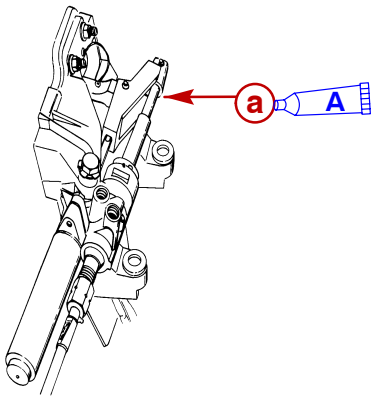


71903

a - Steering cable grease fitting

Description		Where Used	Part Number
A	Special Lubricant 101	Steering cable	92-802865A1

b. Turn steering wheel until steering cable is fully extended. Lightly lubricate the exposed part of cable.

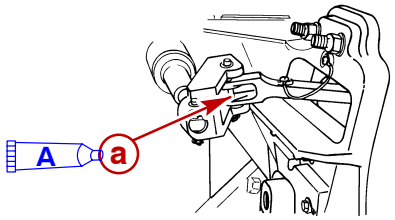


71901

a - Extended steering cable

Description		Where Used	Part Number
A	Special Lubricant 101	Steering cable	92-802865A1

c. Lubricate the steering system pivot points.



71904

a - Steering system pivot points

Description		Where Used	Part Number
A	SAE 30W Engine Oil	Steering system pivot points	Obtain locally

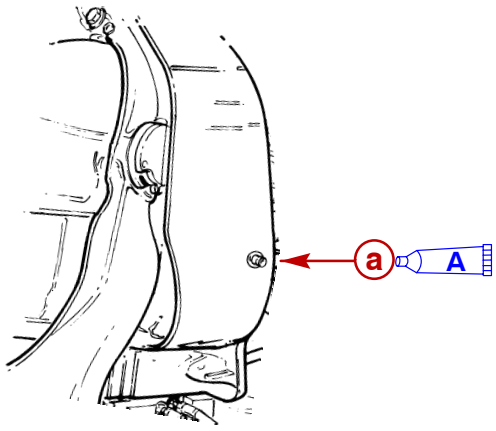
d. **On dual engine boats:** Lubricate the tie bar pivot points.

Description	Where Used	Part Number
SAE 30W Engine Oil	Tie bar pivot points	Obtain locally

e. Upon first starting engine, turn steering wheel several times to starboard and then port to ensure that the steering system operates properly before getting underway.

2. Lubricate the gimbal bearing and the sterndrive propeller shaft.

a. Lubricate gimbal bearing by applying approximately 8-10 pumps of grease from a typical hand-operated grease gun.

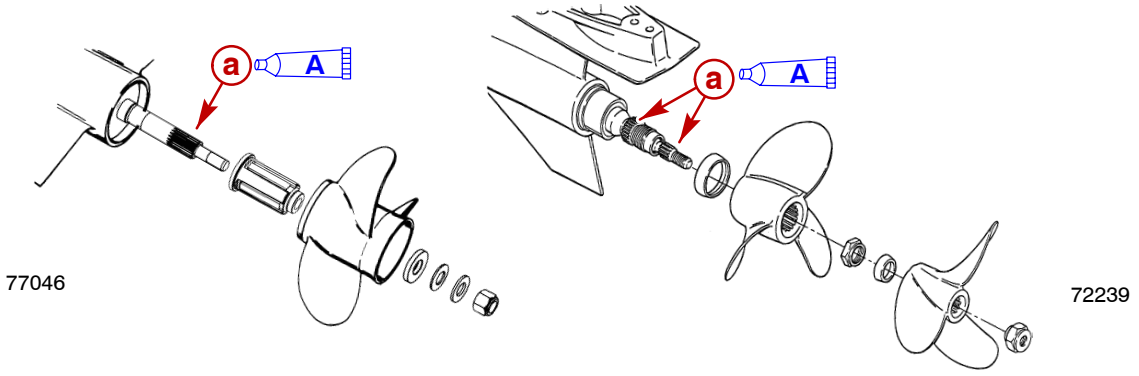


77068

a - Gimbal bearing grease fitting

Description		Where Used	Part Number
A	U-joint And Gimbal Bearing Grease	Gimbal bearing	92-802870A1

b. Apply a liberal coat of one of the following lubricants to the propeller shaft.



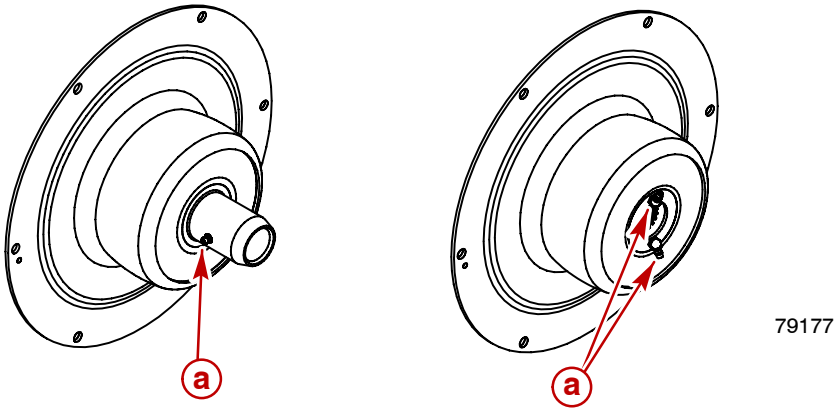
a - Propeller shaft

Description	Where Used	Part Number
Anti-Corrosion Grease	Propeller shaft	92-802867A1
Special Lubricant 101		92-802865A1
2-4-C with Teflon		92-802859A1

3. Lubricate engine coupler splines through grease fittings on coupler by applying approximately 8-10 pumps of grease from a typical hand-operated grease gun.

NOTE: *If equipped with a sealed engine coupler, the sealed coupler and shaft splines can be lubricated without removing the sterndrive unit. Apply lubricant from a typical hand-operated grease gun.*

NOTE: *If the boat is operated at idle for prolonged periods of time or if used in heavy boat applications, Bravo model aluminum coupler should be lubricated every 50 hours.*

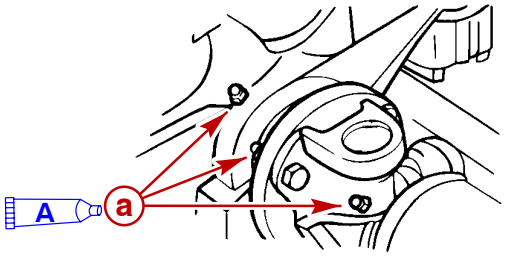


Steel Coupler **Aluminum Coupler**

a - Engine coupler grease fitting

Description	Where Used	Part Number
Engine Coupler Spline Grease	Coupler	92-802869A1

a. **Drive shaft extension models**: Lubricate the drive shaft grease fittings at transom end by applying approximately 10-12 pumps of grease from a typical hand-operated grease gun.

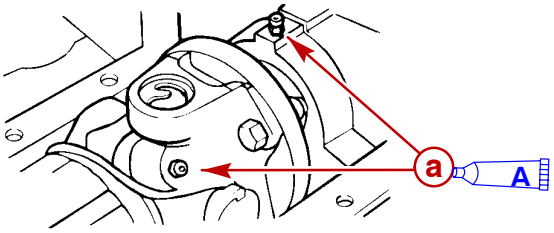


71346

a - Grease fitting locations

Description		Where Used	Part Number
A	U-joint and Gimbal Bearing Grease	Drive shaft U-joints	92-802870A1

b. Lubricate drive shaft grease fittings at engine end by applying approximately 3-4 pumps of grease from a typical hand-operated grease gun.



71347

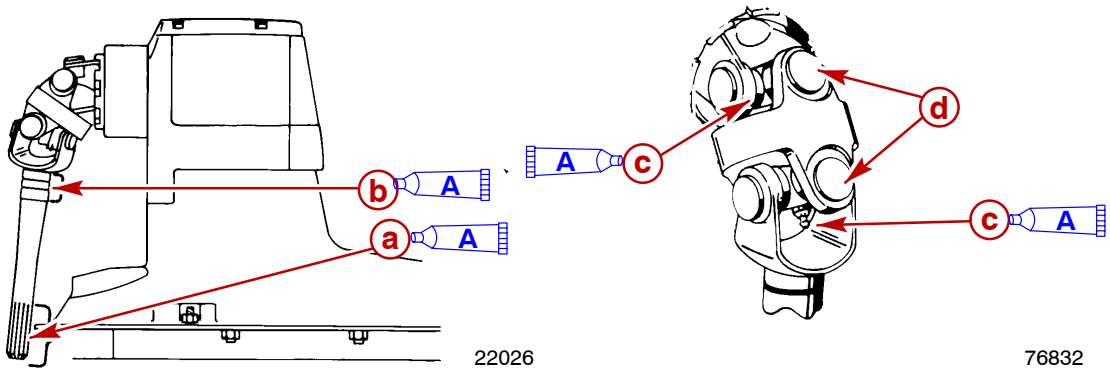
a - Grease fitting locations

Description		Where Used	Part Number
A	U-joint and Gimbal Bearing Grease	Drive shaft U-joints	92-802870A1

4. Lubricate the sterndrive U-joint cross bearings by applying approximately 3-6 pumps of grease from a typical hand-operated grease gun.

NOTE: *The crosses and bearings on the sterndrive U-joint will need to be lubricated through the grease fittings. Apply lubricant from a typical hand-operated grease gun until a small amount of grease begins to push out. The sterndrive unit must be removed to grease these fittings.*

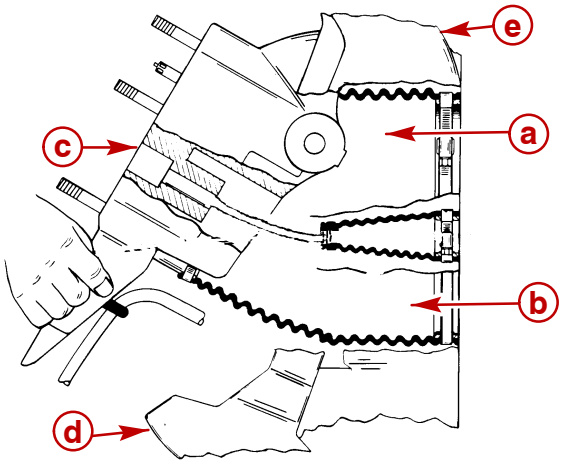
5. Lubricate the U-joint shaft splines and the O-rings.



a - U-joint shaft splines
b - U-joint shaft O-rings
c - Cross bearings grease insert
d - Cross bearings assemblies

Description		Where Used	Part Number
A	Engine Coupler Spline Grease	U-joint shaft splines and O-rings	92-802869A1
		Cross bearings grease insert	

6. Inspect U-joint bellows for cracks or other signs of deterioration. Check bellows clamps for tightness.
   a. Rotate the bell housing in the upward and side to side directions to inspect bellows and hose clamps.



a - U-joint bellow
b - Exhaust bellow
c - Bell housing
d - Gimbal ring
e - Gimbal housing

7. Check engine alignment. Refer to appropriate Mercury MerCruiser Engine Service Manual.

Power Package Recommissioning

Engine

Refer to appropriate Mercury MerCruiser Engine Service Manual.

Sterndrive

1. Perform ALL maintenance specified for completion annually in **Maintenance Chart** except items which were performed at the time of sterndrive layup.
2. Apply a thin coat of petroleum based grease to clamps and terminals to help retard corrosion.

Description	Where Used	Part Number
Liquid Neoprene	Clamps and terminals	92-25711-3

3. After recommissioning and starting engine, check steering system and shift control for proper operation.
4. Check all fluid levels before and after first use.